

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 2000354969  
PUBLICATION DATE : 26-12-00

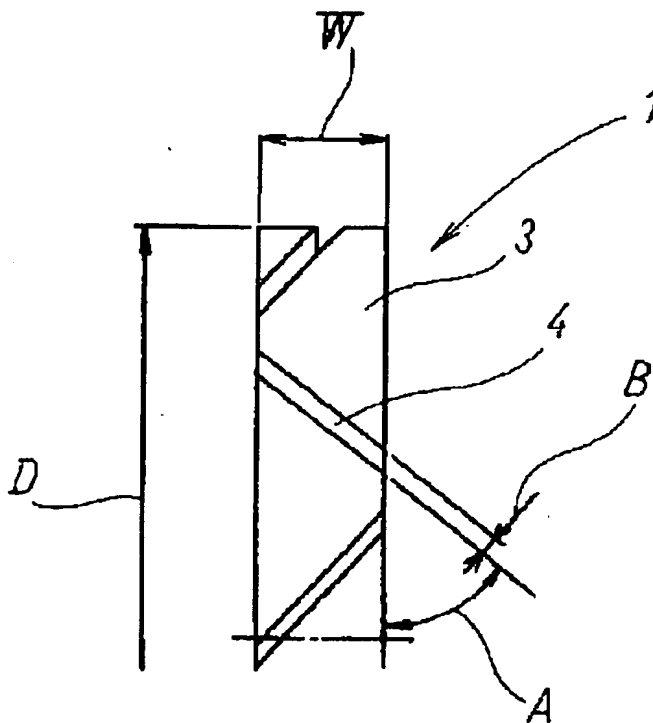
APPLICATION DATE : 15-06-99  
APPLICATION NUMBER : 11168707

APPLICANT : KATAGIRI SEISAKUSHO:KK;

INVENTOR : KATAGIRI TETSUYA;

INT.CL. : B24D 5/10 B24D 3/00 B24D 5/00  
B24D 7/00 B24D 7/10

TITLE : SUPER ABRASIVE GRAIN GRINDING  
WHEEL



**ABSTRACT :** PROBLEM TO BE SOLVED: To improve grinding efficiency and grinding precision and to realize economical grinding work by forming a plural number of grooves to be inclined at a specified angle on a super abrasive grain part surface and making deeper slitting possible.

**SOLUTION:** A super abrasive grain grinding wheel 1 is constituted by forming a super abrasive grain part 3 containing diamonds or super abrasive grains such as cubic boron nitride etc., in specified thickness on an outer peripheral surface of a disc type base metal part to be rotationally driven in the peripheral direction, providing about 25 to 45 degrees inclination A relative to an axis of the base metal part on the outer peripheral surface of the super abrasive grain part 3 and arranging and forming a plural number of inclined groove parts 4, 4,... for grinding deceleration set at specified width B and depth along the outer peripheral surface of the super abrasive grain part 3 with specified intervals between them.

COPYRIGHT: (C)2000,JPO